

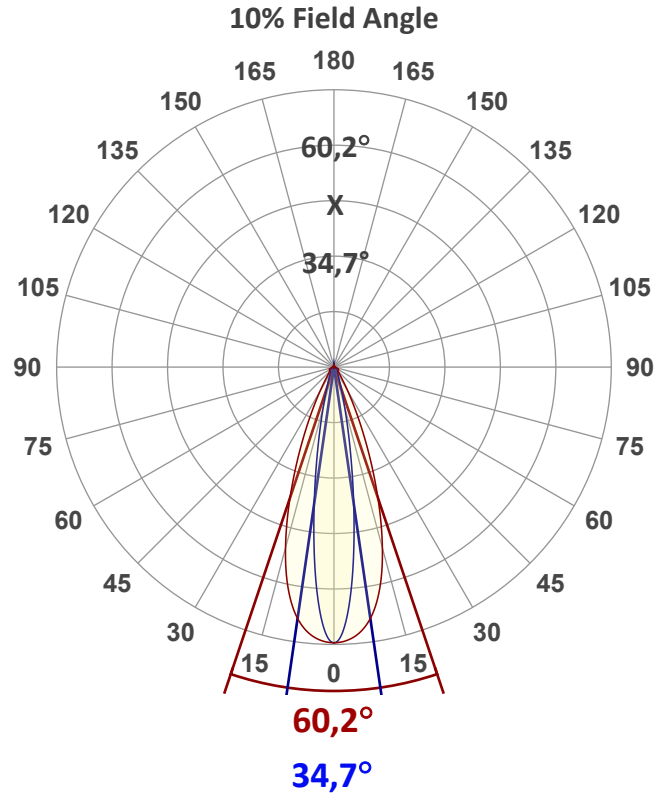
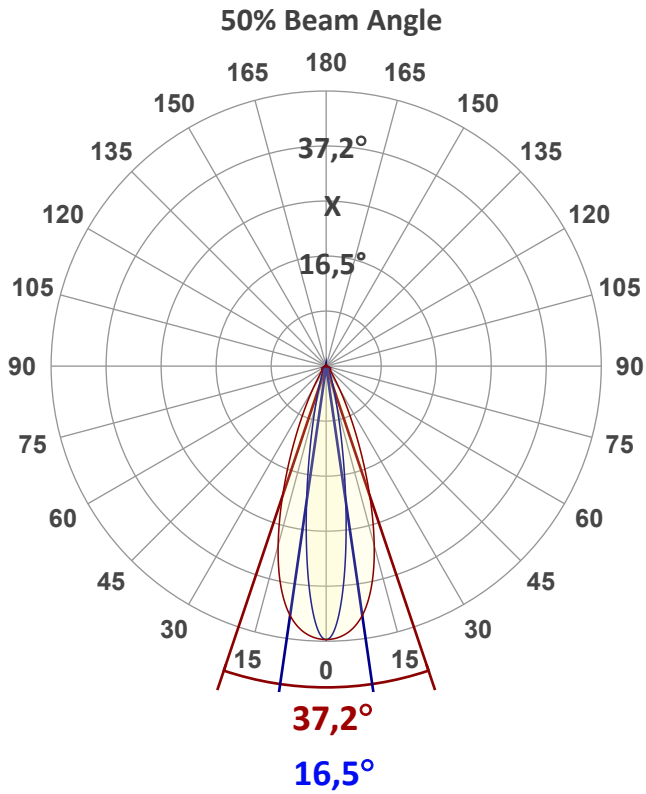
## Report Summary



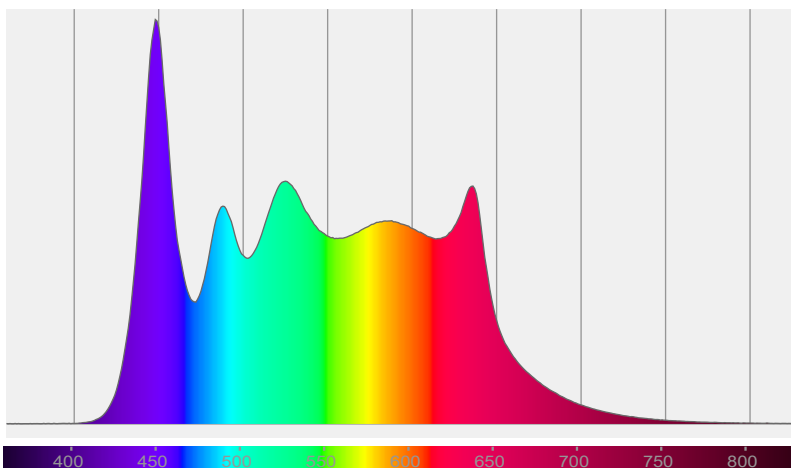
## Measurements

Photometrical Parameter	Optical Parameters	Electrical Parameters
Fixture Output: 3677 lm / 12908 cd	Beam Angle (50%): 37,2°x16,5°	AC Supply: 226 V / 50 Hz
Fixture Efficiency: 38 lm/W	Field Angle (10%): 60,2°x34,7°	Power: 97,9 W
Intensity @ 5m: 516 lx	Cutoff Angle (2,5%): 85,8°x 64°	Current: 0,506 A
Color Temperature: 5787 K		Power Factor: 0,86
CRI: 96,4		
CRI R9 Value: 76,8		
CQS: 95,0		
TLCI: 94		
TM-30 Rf: 93,9		
TM-30 Rg: 100,9		

## Details



## Spectral Distribution



CIE 1931

x: 0,326 y: 0,339

Light Quality

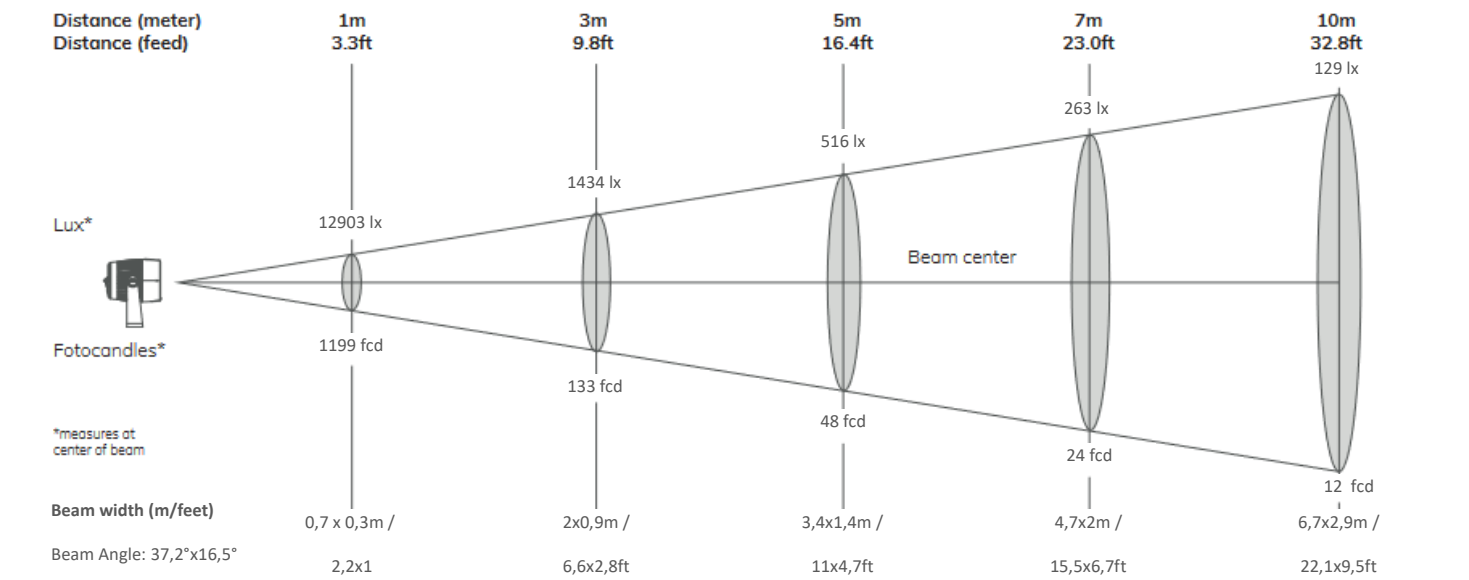
CRI: 96,4

Color Temperature

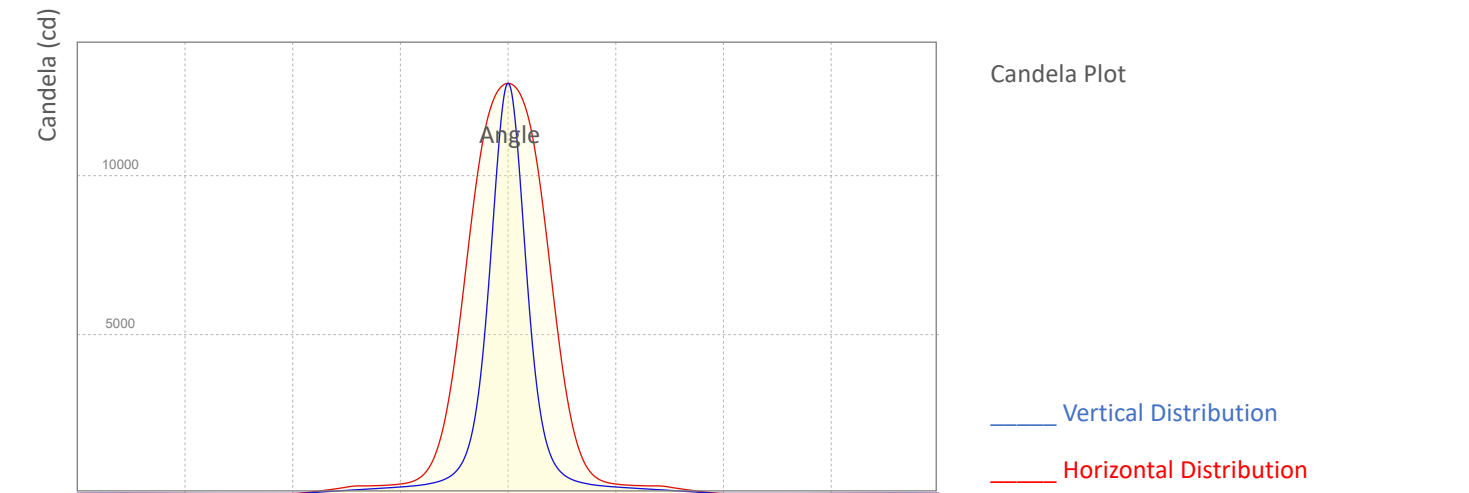
5787 K

E.Show Mini TW+, Full Calib.

EllipticalNarrow Lens, 5600K, LM-79

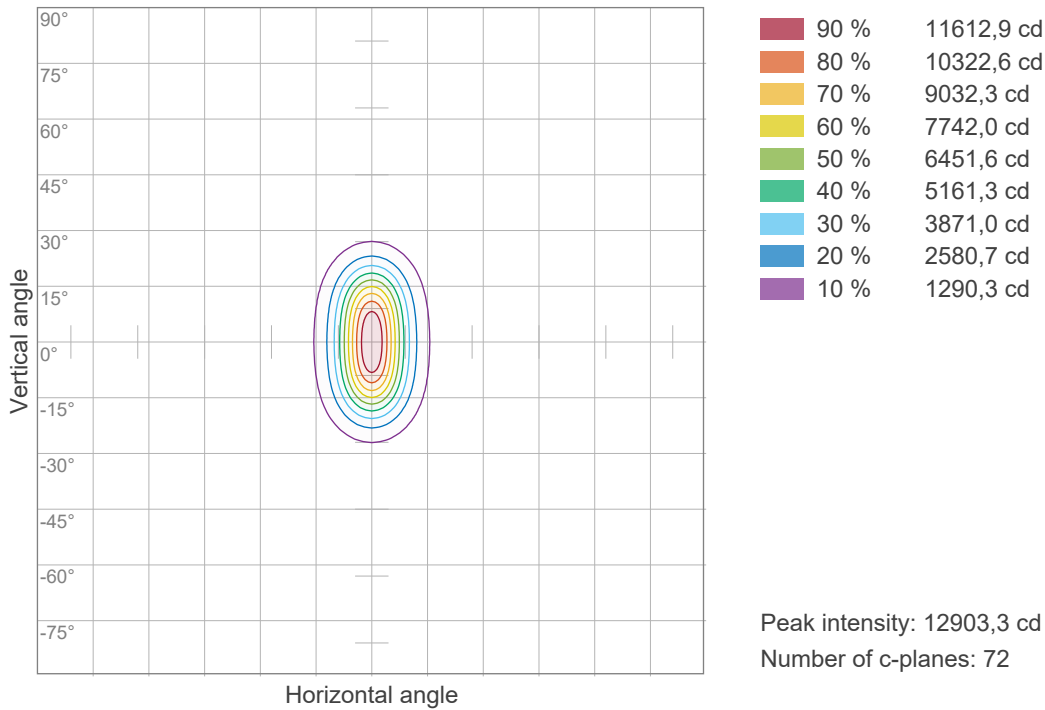


Angle	Distance									
	1m / 3.3ft		3m / 9.8ft		5m / 16.4ft		7m / 23ft		10m / 32.8ft	
	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet	Lux Center lx/fcd	Diameter m/feet
Beam Angle: 37,2°x16,5°	12903/ 1199	0,7x0,3/ 2,2x1	1434/ 133	2x0,9/ 6,6x2,8	516/ 48	3,4x1,4/ 11x4,7	263/ 24	4,7x2/ 15,5x6,7	129/ 12	6,7x2,9/ 22,1x9,5

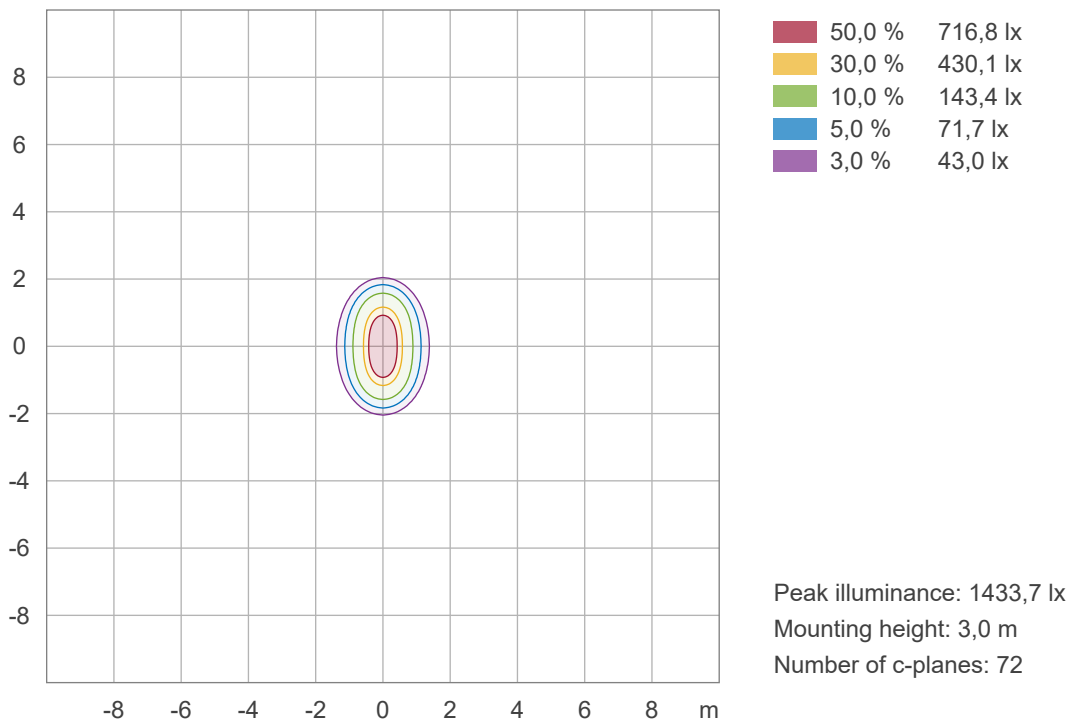


## ISO Diagrams

ISO Candela Diagram

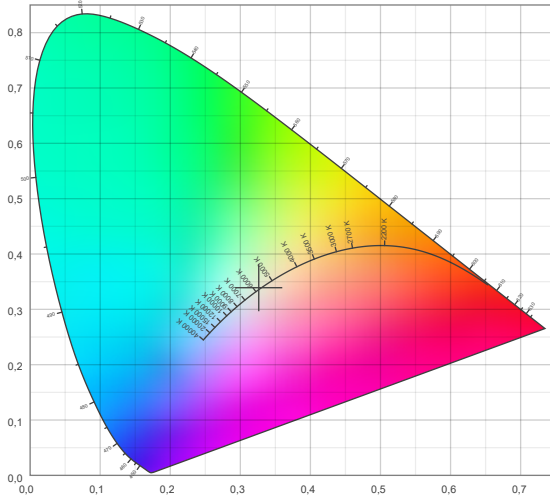


ISO Lux Diagram

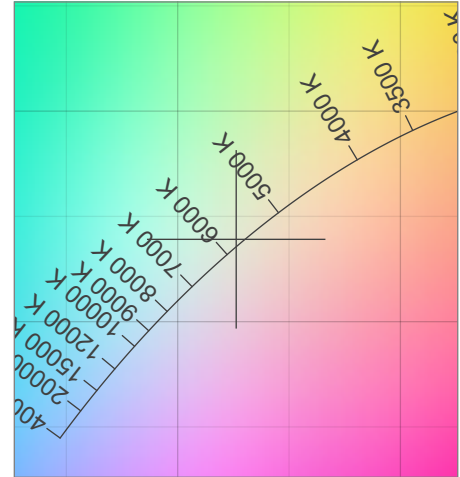


## Chromaticity

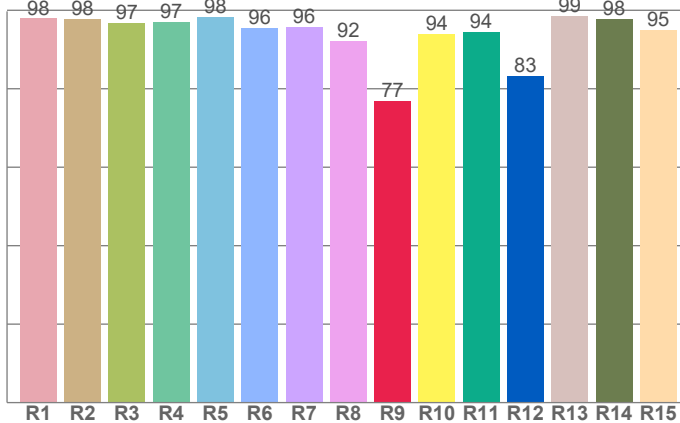
CIE 1931



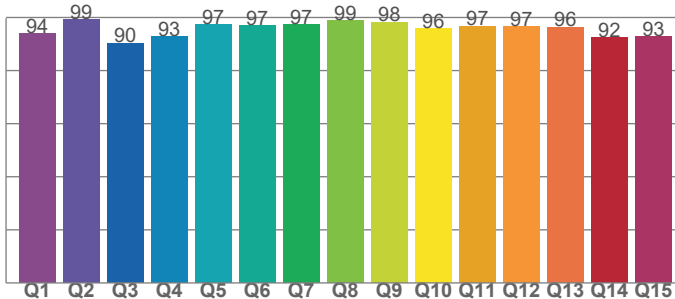
CIE 1931 - Zoom



CRI: 96,4 (R1-R8)



CQS: 95,0



Color Temperature	Color Coordinate CIE 1931	Color Coordinate CIE 1931
CCT	x	y
5787K	0,326	0,339

Color Deviation Black Body Curve	Color Coordinate CIE 1964	Color Coordinate CIE 1964
$\Delta uv$	u	v
0,0015	0,203	0,317

Color Rendering Index	Red Component	Color Quality Scale
CRI	CRI – R9	CQS
96,4	76,8	95,0

Television Lighting Consistency Index	Color Fidelity	Color Gamut
TLCI	TM30 – Rf	TM30 - Rg
94	93,9	100,9

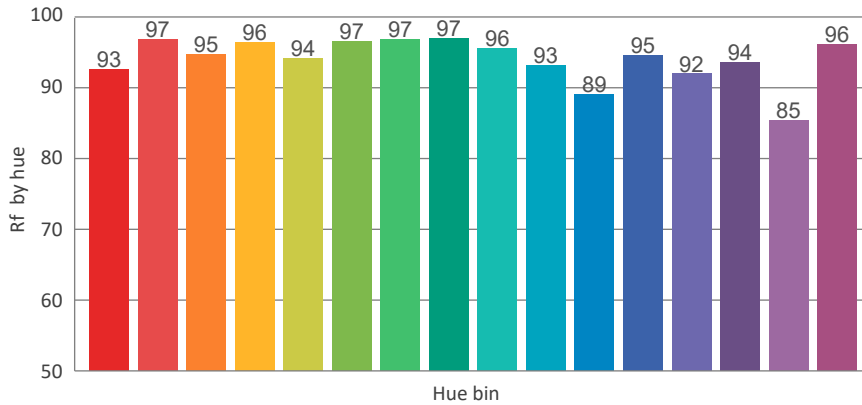
## TM30 Details

**Rf 93,9**

Fidelity Index Rf

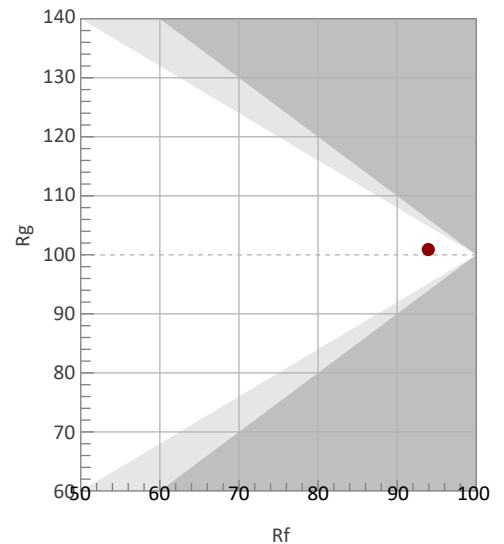
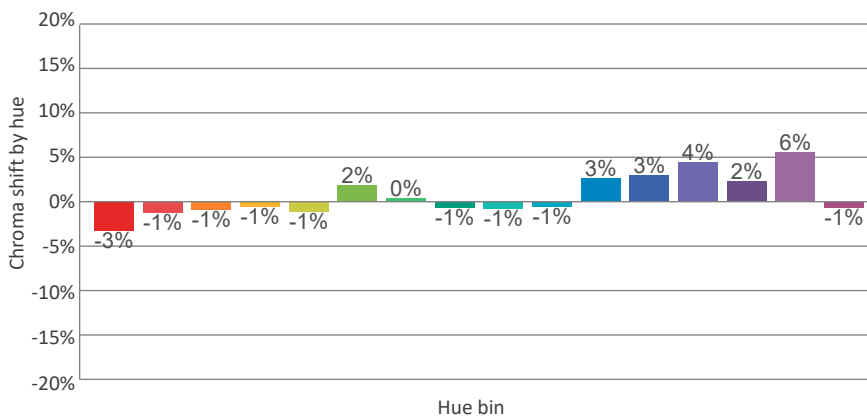
**Rg 100,9**

Gamut Index Rg

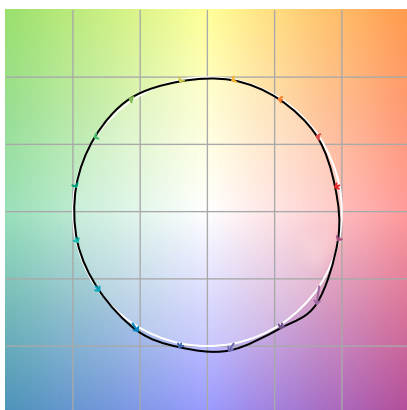


		Shifts (%)	
Hue Bin	Rf	Chroma	Hue
1		%	%
2		%	%
3		%	%
4		%	%
5		%	%
6		%	%
7		%	%
8		%	%
9		%	%
10		%	%
11		%	%
12		%	%
13		%	%
14		%	%
15		%	%
16		%	%

TM30\_BIN\_VALUES\_END)



Color Vector Graphics



Color Distortion Graphics



Color Evaluation Sample

